

IN THE CLAIMS:

Please amend the claims as follows:

Subb1 1. (Currently amended) An encapsulation between an expandable downhole tool and the wall of a wellbore, the encapsulation for use in a wellbore, comprising:

a first arcuate wall having a first end and a second end; and

a second wall having a first end and a second end, said first and second ends of said second wall contacting said first and second ends of said first arcuate wall so as to form a line housing between said first and second walls;

wherein the encapsulation is disposable between an expandable downhole tool and a wall of a wellbore, and wherein at least a portion of the first arcuate wall engages the wall of the wellbore when the expandable downhole tool is in an expanded state.

OB 2. (Original) The encapsulation of claim 1, wherein said expandable downhole tool is an expandable tubular, and wherein said encapsulation is fabricated from a deformable material.

3. (Original) The encapsulation of claim 2, wherein said encapsulation serves as a housing for one or more of the following: control lines, instrumentation lines and downhole sensors.

4. (Original) The encapsulation of claim 3, wherein said expandable downhole tool is a sand screen.

5. (Currently amended) The encapsulation of claim 4, wherein said wellbore includes an open hole portion such that said sand screen is expanded into substantial contact with the wall of the formationwellbore.

6. (Original) The encapsulation of claim 4, wherein said wellbore defines a cased hole completion such that said sand screen is expanded into substantial contact with

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7. (Original) The encapsulation of claim 4, wherein said encapsulation is profiled in a crescent shape.

8. (Currently amended) The encapsulation of claim 7, wherein said encapsulation further serves as a housing for at least one metal tubular, said at least one metal tubular housing said one or more of the following: control lines, instrumentation lines and downhole sensors.

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9. (Currently amended) An encapsulation between an expandable downhole tool and a wall of a wellbore, the encapsulation comprising at least two walls fabricated from a deformable material, said encapsulation deforming to the general contour of the wall of the wellbore when said downhole tool is expanded against said wall of the wellbore.

10. (Currently amended) The encapsulation of claim 9, wherein said expandable downhole tool is a sand screen, and wherein said wall of the wellbore is the a wall of the a formation.

11. (Original) The encapsulation of claim 10, wherein said encapsulation serves as a housing for one or more of the following: control lines, instrumentation lines and downhole sensors.

12. (Original) The encapsulation of claim 11, wherein said encapsulation comprises at least one arcuate wall.

Please add the following new claims:

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13. (New) An encapsulation for use in a wellbore with an expandable downhole tool, comprising:

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a first wall;

a second wall; and

a line housing disposed between said first and second walls,

wherein the encapsulation is disposable between an expandable downhole tool and a wall of a wellbore, and wherein at least a portion of the first wall engages the wall of the wellbore when the expandable downhole tool is in an expanded state.

14. (New) The encapsulation of claim 13, wherein the line housing serves as a housing for one or more of the following: control lines, instrumentation lines, and downhole sensors.

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15. (New) An expandable downhole tool, comprising:

a substantially tubular body forming an outer surface; and

an enclosed line housing disposed on the outer surface of the tubular body, wherein the enclosed line housing defines an arcuate outer surface.

16. (New) The expandable downhole tool of claim 15, further comprising a line disposed in the enclosed line housing, the line being configured for propagation of a signal.

17. (New) The expandable downhole tool of claim 15, wherein the outer surface of the tubular body comprises a substantially flat surface axially disposed along a length of the tubular body, and wherein the enclosed line housing is disposed on the substantially flat surface, and wherein a cross-section taken through the enclosed line housing and the substantially tubular body is substantially cylindrical.

18. (New) An expandable downhole tool, comprising:

a base pipe;

a shroud concentrically disposed about the base pipe;

a filter media disposed between the base pipe and the shroud; and

an enclosed line housing disposed on the outer surface of the shroud.

Sub B1) 19. (New) The expandable tool of claim 18, wherein the shroud is perforated.

20. (New) The expandable tool of claim 18, wherein the enclosed line housing is axially disposed along a length of the shroud.

21. (New) The expandable tool of claim 18, wherein the enclosed line housing defines an arcuate outer surface having a radius of curvature substantially equal to that of the shroud.

A4 22. (New) The expandable downhole tool of claim 18, further comprising a line disposed in the enclosed line housing, the line being configured for propagation of a signal.

23. (New) The expandable tool of claim 22, wherein the line is selected from one of a control line and a data line.

24. (New) An expandable downhole tool, comprising:
a substantially tubular body forming an outer surface;
an enclosed line housing disposed on the outer surface of the tubular body; and
a line disposed in the enclosed line housing, wherein the line is selected from one of a control line and a data line.